Key Specifications:

Video	Image Sensor	1/5" CMOS, color
	Video compression	H.264 high profile, BMP snapshot and JPG (email notification)
	Signal system	NTSC/PAL (default NTSC)
	Lens	4mm
	Min. Illumination	0.1 Lux (IR OFF), 0 Lux (IR ON)
	Frame rate	30fps NTSC (25fps PAL)
	Resolution	VGA (640x480), QVGA (320x240)
	Video adjustment	Brightness, contrast, and saturation
	Video bit rate	32 Kbps ~ 2.5 Mbps
	Pan & Tilt	Horizontal: 360°. Vertical: 120°
	Zoom	Portion picture enlargement
	Night vision	Up to 50ft (IR built-in; auto switch to B/W in dark)
Audio	Audio compression	G711
	Microphone	1 built-in Mic. (For live audio monitoring and 2-way audio communication). Effective up to 5m (16ft)
	Audio output	1 audio output to speaker (used for 2-way audio)
	2-way audio	Yes (communication between local and remote)
Recording and Playback	Recording mode	Motion detection, alarm, manual, and schedule
	Storage	Records to local MicroSD (up to 32GB, not included), to remote PC, & FTP site
	VMD recording	1-120 minutes
	Pre-Alarm recording	1-10 seconds
	Backup	Remote backup to PC
	Playback	Playback via SD reader; real time remote playback; remotely download and playback
Alarm	Motion detection	VMD (video motion detection; software oriented)
	VMD sensitivity level	Highest, Higher, High, Medium, Low, Lower, or Lowest
	Input terminal	1 alarm input (for any wired alarm sensors)
	Output terminal	1 alarm output (for 5VDC wired alarm output device, ie. led light, speaker, siren, etc.)
	Alarm action	Alarm photo email; record video/photo to FTP; record video/photo to SD; alarm output; alarm tour (direct to first preset or first IP camera then to the second ...etc. for multiple IP cameras usage)
Network	Wired network	NIC 10/100 BaseTX Ethernet
	Wireless network	Wi-Fi 802.11 b/g/n
	IP mode	Dynamic IP address; static IP address
	Protocol	TCP/IP, HTTP, TCP, ICMP, UDP, ARSP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, and RTSP.
	Online users	Unlimited number of users; up to 8 simultaneous login users
	Mobile surveillance	Supports: iPhone/iPad/iPod Touch, Android, Windows Mobile, Symbian & Blackberry. Adapts to free App (free downloadable) of the compatible smartphones
	Internet viewing	Supports browsers: IE (PC), Safari (Mac/PC), Firefox(Mac/PC)
	Remote access and control	Yes
Software	CMS software	Central management software for recording, remote monitoring, remote access and control, search and playback. Manage up to 64 surveillance cameras
	User levels for CMS	Administrator, Normal, and Guest (viewing only)
	Split screens of CMS	Supports 1(full), 4(Quad), 9, 16, 25, 36, and 64 split screens (for multiple IP cameras)
	Camera name	Up to 26 digits of characters/numbers
	Password protection	Yes
CPU and System	Operating system	Embedded Linux OS
	Micro processor	32Bit RISC embedded processor
	System requirement	Windows 2000, XP, Vista, 7, and 8(32/64-bit OS)
Others	Indoor/outdoor usage	Indoor
	Operating temperature	-10 ~ 50 °C/14 ~ 122 °F
	Humidity	95% RH
	Power	DC5V 2.0A
	Dimensions (LXWXH)	121 x 105 x 125mm (4.76"x4.13"x4.92")
	Package dimensions	217 X 165 X 135mm
	Weight (net and gross)	1.46 lbs (product only without package); 2 lbs (with package)